

# STARTING DEVICE AND METHOD FOR ELIMINATING A PEAK CURRENT

## ABSTRACT OF THE DISCLOSURE

- 5       Disclosed is a starting device and method for eliminating a peak current introduced when an inductive circuit such as a motor or a direct-current (DC) motor is actuated. The starting device includes a signal generator electrically connected to the inductive circuit and generating a first signal corresponding to a signal output by the inductive circuit, a
- 10   comparative circuit electrically connected to the signal generator for converting the first signal to a second signal to be compared with a reference signal to generate a control signal, and a controlling device electrically connected with the inductive circuit and the comparative circuit for receiving the control signal and gradually increasing a current
- 15   input into the inductive circuit corresponding to the control signal, thereby eliminating the peak current introduced when the inductive circuit is actuated.

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